

## University of Groningen

### Correction to

Joxhorst, Tessa; Vrijsen, Joyce; Niebuur, Jacobien; Smidt, Nynke

*Published in:*  
BMC Public Health

*DOI:*  
[10.1186/s12889-020-09229-9](https://doi.org/10.1186/s12889-020-09229-9)

**IMPORTANT NOTE:** You are advised to consult the publisher's version (publisher's PDF) if you wish to cite from it. Please check the document version below.

*Document Version*  
Publisher's PDF, also known as Version of record

*Publication date:*  
2020

[Link to publication in University of Groningen/UMCG research database](#)

*Citation for published version (APA):*

Joxhorst, T., Vrijsen, J., Niebuur, J., & Smidt, N. (2020). Correction to: Cross-cultural validation of the motivation to change lifestyle and health behaviours for dementia risk reduction scale in the Dutch general population. *BMC Public Health*, 20(1), 1147. [1147]. <https://doi.org/10.1186/s12889-020-09229-9>

### Copyright

Other than for strictly personal use, it is not permitted to download or to forward/distribute the text or part of it without the consent of the author(s) and/or copyright holder(s), unless the work is under an open content license (like Creative Commons).

The publication may also be distributed here under the terms of Article 25fa of the Dutch Copyright Act, indicated by the "Taverne" license. More information can be found on the University of Groningen website: <https://www.rug.nl/library/open-access/self-archiving-pure/taverne-amendment>.

### Take-down policy

If you believe that this document breaches copyright please contact us providing details, and we will remove access to the work immediately and investigate your claim.

*Downloaded from the University of Groningen/UMCG research database (Pure): <http://www.rug.nl/research/portal>. For technical reasons the number of authors shown on this cover page is limited to 10 maximum.*

CORRECTION

Open Access



# Correction to: Cross-cultural validation of the motivation to change lifestyle and health behaviours for dementia risk reduction scale in the Dutch general population

Tessa Joxhorst, Joyce Vrijzen\*, Jacobien Niebuur and Nynke Smidt

**Correction to:** *BMC Public Health* (2020) 20:788  
<https://doi.org/10.1186/s12889-020-08737-y>

It was highlighted that the original article [1] contained an error in the legend of Table 2. This Correction article shows the correct Table 2 and legend. The original article has been updated.

Published online: 21 July 2020

## Reference

1. Joxhorst T, et al. Cross-cultural validation of the motivation to change lifestyle and health behaviours for dementia risk reduction scale in the Dutch general population. *BMC Public Health*. 2020;20:788. <https://doi.org/10.1186/s12889-020-08737-y>.

The original article can be found online at <https://doi.org/10.1186/s12889-020-08737-y>.

\* Correspondence: [j.vrijzen@umcg.nl](mailto:j.vrijzen@umcg.nl)

Department of Epidemiology, University of Groningen, University Medical Centre Groningen, Hanzeplein 1, FA40, PO Box 30 001, 9700 RB Groningen, The Netherlands



© The Author(s). 2020 **Open Access** This article is licensed under a Creative Commons Attribution 4.0 International License, which permits use, sharing, adaptation, distribution and reproduction in any medium or format, as long as you give appropriate credit to the original author(s) and the source, provide a link to the Creative Commons licence, and indicate if changes were made. The images or other third party material in this article are included in the article's Creative Commons licence, unless indicated otherwise in a credit line to the material. If material is not included in the article's Creative Commons licence and your intended use is not permitted by statutory regulation or exceeds the permitted use, you will need to obtain permission directly from the copyright holder. To view a copy of this licence, visit <http://creativecommons.org/licenses/by/4.0/>. The Creative Commons Public Domain Dedication waiver (<http://creativecommons.org/publicdomain/zero/1.0/>) applies to the data made available in this article, unless otherwise stated in a credit line to the data.

**Table 2** Exploratory factor analysis of the MCLHB-DRR scale (N = 618, Maximum Likelihood with Oblimin rotation)

	Factor 1	Factor 2	Factor 3	Factor 4	Factor 5	Factor 6	Factor 7
Q1 My chances of developing dementia are great	− 0.02	<b>0.90</b>	0.00	− 0.03	− 0.03	0.03	0.04
Q2 I feel that my chances of developing dementia in the future are high	0.00	<b>0.97</b>	0.02	− 0.04	− 0.03	0.00	− 0.00
Q3 There is a strong possibility that I will develop dementia	0.04	<b>0.86</b>	− 0.03	0.01	0.02	− 0.03	0.04
Q4 Within the next 10 years I will develop dementia	− 0.04	<b>0.33</b>	0.07	0.25	0.07	− 0.04	− 0.12
Q5 The thought of dementia scares me	0.01	0.08	0.02	<b>0.49</b>	0.05	0.09	0.10
Q6 When I think about dementia my heart beats faster	− 0.06	− 0.00	0.10	<b>0.81</b>	0.01	− 0.02	− 0.04
Q7 My feelings about myself would change if I develop dementia	0.04	− 0.01	− 0.12	<b>0.43</b>	− 0.01	0.03	0.10
Q8 When I think about dementia I feel nauseous	− 0.03	− 0.03	0.03	<b>0.80</b>	0.06	− 0.05	− 0.12
Q9 It would be more serious for me to develop dementia than if I developed other diseases	0.03	0.05	0.06	<b>0.45</b>	− 0.04	0.00	− 0.03
Q10 Information and advice from experts may give me something that I never thought of, and may reduce my chance of developing dementia	0.15	0.01	0.18	0.17	− 0.09	0.01	0.20
Q11 Changing my lifestyle and health habits can help me reduce my chance of developing dementia	0.07	0.06	0.06	0.01	− 0.04	− 0.05	<b>0.77</b>
Q12 I have a lot to gain by changing my lifestyle and health behaviour	− 0.03	0.03	0.08	0.01	0.05	− 0.01	<b>0.77</b>
Q13 Adapting to a healthier lifestyle and behaviour would prevent dementia for me	0.13	− 0.06	0.10	0.06	0.10	0.01	<b>0.38</b>
Q14 I am too busy to change my lifestyle and health habits	0.02	− 0.03	0.00	− 0.02	<b>0.61</b>	− 0.05	− 0.01
Q15 My financial situation does not allow me to change my lifestyle and behaviour	0.02	− 0.02	0.06	0.05	<b>0.62</b>	0.05	− 0.07
Q16 Family responsibilities make it hard for me to change my lifestyle and behaviour	− 0.01	0.04	− 0.09	− 0.02	<b>0.78</b>	0.03	0.05
Q17 Changing lifestyle and behaviour interferes with my schedule	− 0.02	− 0.02	0.07	− 0.00	<b>0.68</b>	− 0.06	0.06
Q18 Being forgetful makes me think I have to change my lifestyle and behaviour	0.02	0.01	<b>0.68</b>	− 0.02	0.05	0.01	− 0.03
Q19 Having risk factor(s) for dementia makes me think I have to change my lifestyle and behaviour	0.01	0.03	<b>0.81</b>	− 0.03	− 0.01	0.01	0.04
Q20 Learning more about dementia from the media makes me think I have to change my lifestyle and behaviour	− 0.01	− 0.03	<b>0.71</b>	0.02	− 0.03	0.03	0.17
Q21 Knowing family member(s) with dementia makes me think I have to change my lifestyle and behaviour	0.07	0.04	<b>0.64</b>	0.03	0.08	− 0.02	0.00
Q22 Nothing is as important to me as good health	− 0.03	− 0.11	0.05	0.10	− 0.08	<b>0.51</b>	− 0.10
Q23 I often think about my health	0.00	− 0.01	− 0.03	− 0.02	0.03	<b>0.85</b>	0.01
Q24 I think I have to pay attention to my own health	0.07	0.05	− 0.05	− 0.09	− 0.01	<b>0.63</b>	− 0.00
Q25 I am concerned about my health	− 0.07	0.09	0.17	0.12	0.06	<b>0.32</b>	0.12
Q26 I am certain that I can change my lifestyle and behaviour so I can reduce the risk of developing dementia	<b>0.47</b>	0.03	0.16	− 0.05	− 0.03	0.03	<b>0.37</b>
Q27 I am able to make differences that will change the risk of developing dementia	<b>1.02</b>	− 0.00	0.02	0.03	0.04	0.02	− 0.07

The factor loadings greater than 0.30 are shown in bold